

CHAPTER 1.1.3.

DISEASES LISTED BY THE OIE

Article 1.1.3.1.

The following diseases of fish are listed by the OIE:

- Epizootic haematopoietic necrosis
- Infectious haematopoietic necrosis
- Spring viraemia of carp
- Viral haemorrhagic septicaemia
- ~~Infectious pancreatic necrosis<sup>†</sup>~~
- Infectious salmon anaemia
- Epizootic ulcerative syndrome
- ~~Bacterial kidney disease (*Renibacterium salmoninarum*)<sup>†</sup>~~
- Gyrodactylosis (*Gyrodactylus salaris*)
- Red sea bream iridoviral disease
- **Koi herpesvirus disease<sup>2</sup>**
- ~~*Oncorhynchus masou virus* (OMV)~~

**Rationale:**

1) Koi Herpes Virus does not meet the criteria for “listing” because a robust and repeatable diagnostic test does not exist (due mainly to undetectable latent carrier populations). There is no feasible way to be sure a population is free of KHV for certification purposes.

2) *Oncorhynchus masou virus* (OMV) should not have been delisted. It is a serious disease of Rainbow trout, on the mainland of Japan (Nagano Prefecture), it continues to be a serious problem. The following article published Fish Pathology, 38 (1), 23-25, 2003 entitled Outbreak of Salmonid Herpesviral Disease in Cultured Rainbow Trout by Mitsuru Furihata, et.al., describes the problem well. The damage is reported to be very severe and infected fish either die or are not suitable for harvest.

A minimal first step a credible and valid risk assessment should be conducted using an OIE recognized risk assessment procedure (e.g. Murray 2002). The previous risk

assessment that was conducted on OMVD lacked sufficient detail and was done without broad participation, and as such did not meet OIE standards (Rodgers 2000) for a risk assessment procedure.

Article 1.1.3.2.

The following diseases of molluscs are listed by the OIE:

- Infection with *Bonamia ostreae*
- Infection with *Bonamia exitiosa*
- Infection with *Marteilioides chungmunesis*
- Infection with *Marteilia refringens*
- Infection with *Mikrocytos mackini*<sup>†</sup>
- Infection with *Perkinsus marinus*
- Infection with *Perkinsus olseni*<sup>†</sup>
- Infection with *Xenobalotus californiensis*.
- = ~~Abalone viral mortality~~

Rationale:

1) *Marteilioides chungmunesis* should be listed because it fulfils the Disease Listing and Notification Criteria A1 and A2 better than that of Abalone viral mortality.

2) Abalone viral mortality does not meet the Disease Listing and Notification Criteria A1 and A2. There is not enough evidence of morbidity or mortality to meet the OIE requirements for listing.

Article 1.1.3.3.

The following diseases of crustaceans are listed by the OIE:

- Taura syndrome

- White spot disease
- Yellowhead disease
- Tetrahedral baculovirosis (*Baculovirus penaei*)
- Spherical baculovirosis (*Penaeus monodon*-type baculovirus)
- Infectious hypodermal and haematopoietic necrosis
- Crayfish plague (*Aphanomyces astaci*)
- Necrotising hepatopancreatitis<sup>2</sup>
- Infectious myonecrosis<sup>2</sup>.

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~~<sup>1</sup>— Delisting of this disease is under study.~~

<sup>2</sup> Listing of this disease is under study.